

### Abstract of the Disclosure

The invention relates to monoclonal antibodies or fragments thereof binding to the capsid of adeno-associated viruses, whereby binding of the virus to the virus receptor of the original target cell is prevented. Said antibody or the fragment thereof can also be fused with a desired receptor ligand. After the binding of such an antibody to the AAV capsid, an AAV is obtained which has a modified tropism, i.e. - as a function of the fused ligand - can bind to a new target cell and can be used in the construction of an AAV vector for the targeted gene transfer.

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